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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Alfred Grill et al. : Dated: June 29, 1998  
Serial No.: To be assigned : Examiner:  
Filed: Herewith : Docket No.: YO998-245  
For: HYDROGENATED OXIDIZED SILICON CARBON MATERIAL

**APPOINTMENT OF ASSOCIATE ATTORNEY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned attorney, who has been appointed as an attorney in the Combined Declaration and Power of Attorney for the above-identified application, hereby appoints Randy W. Tung (Reg. No. 31,311) of Tung & Associates, 838 West Long Lake Road, Suite 120, Bloomfield Hills, Michigan 48302, [telephone number (248) 540-4040] his associate attorney to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all official communications to Randy W. Tung at the address cited above.

Respectfully submitted,  
Attorney for the Applicant(s)

by Robert M. Trepp  
Robert M. Trepp  
Reg. No. 25,933  
Telephone No.: (914) 945-3147

IBM Corporation  
Intellectual Property Law Department  
P. O. Box 218  
Yorktown Heights, N. Y. 10598

IBM Docket No.: YO998-245

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

HYDROGENATED OXIDIZED SILICON CARBON MATERIAL

the specification of which (check one)

X is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_ as

Application Serial No. \_\_\_\_\_

and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_

(Application Number) \_\_\_\_\_ (Filing Date) \_\_\_\_\_

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application;

(Application Serial No.) \_\_\_\_\_ (Filing Date) \_\_\_\_\_ (Status) (patented, pending, abandoned)

(Application Serial No.) \_\_\_\_\_ (Filing Date) \_\_\_\_\_ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Manny W. Schechter (Reg. No. 31,722), Terry J. Ilardi (Reg. 29,936), Christopher A. Hughes (Reg. 26,914), Edward A. Pennington (Reg. 32,588), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), and Robert M. Trepp (Reg. 25,933).

Send Correspondence to: Randy W. Tung, (Reg. No. 31,311) of Tung & Associates  
838 West Long Lake Road, Suite 120, Bloomfield Hills, Michigan 48302

Direct Telephone Calls to: (name and telephone number) Randy W. Tung (248) 540-4040

Alfred Grill

Full name of sole or first inventor

Alfred Grill  
Inventor's Signature

6.29.98  
Date

85 Overlook Road, White Plains, New York 10605  
Residence

Israel  
Citizenship

Same as above  
Post Office Address

DECLARATION AND POWER OF ATTORNEY

Christopher Vincent Jahnes

Full name of second joint-inventor, if any

Inventor's signature

Date

24 Regina Road, Monsey, New York 10952

Residence

USA

Citizenship

Same as above

Post Office Address

Vishnubhai Vitthalbhai Patel

Full name of third joint inventor, if any

Inventor's signature

Date

2289 Willoway Street, Yorktown Heights, New York 10598

Residence

USA

Citizenship

Same as above

Post Office Address

Laurent Claude Perraud

Full name of fourth joint-inventor, if any

Inventor's signature

Date

10 rue Joseph Bara, 75006 Paris, France

Residence

France

Citizenship

Same as above

Post Office Address

Full name of fifth joint inventor, if any

Inventor's signature

Date

Residence

Citizenship

Post Office Address

Full name of sixth joint-inventor, if any

Inventor's signature

Date

Residence

Citizenship

Post Office Address

Full name of seventh joint-inventor, if any

Inventor's signature

Date

Residence

Citizenship

Post Office Address

07-10-1998

Express Mail Label No.: EL140121441US

Date deposit: 29 June 1998



Atty. Docket No. YO998-245

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09/107567  
06/29/98

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3. Nature of conveyance:  ___ Assignment  Execution Date(s): June 29, 1998	4. Patent Application number(s)  Filed: Execution Date(s):
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Robert M. Trepp Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598	6. Total number of applications involved: 1  7. Total fee (37 CFR 3.41): \$40.00  ___ Charge to Deposit Account No.: 09-0468

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## 8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

Robert M. Trepp

June 29, 1998

Name of Person Signing  
Reg. No. 25,933Signature  
Total Number of Pages including cover sheet,  
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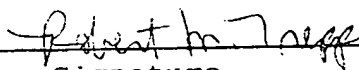
1. Name of conveying party(ies):  Alfred Grill Christopher V. Jahnes Vishnubhai V. Patel  Additional name(s) of conveying party(ies) attached? <u>Yes</u> <u>X</u> No	2. Name and address of receiving party(ies):  Name: IBM Corporation Address: New Orchard Road Armonk, NY 10504  Additional name(s) & addresses attached? <u>Yes</u> <u>X</u> No
3. Nature of conveyance:  <u>X</u> Assignment  Execution Date(s): <u>June 29, 1998</u>	4. Patent Application number(s)  Serial No. Filed: Execution Date(s):
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Robert M. Trepp Address: IBM Corporation Intellectual Property Law P.O. Box 218 Yorktown Heights, NY 10598	6. Total number of applications involved: 1  7. Total fee (37 CFR 3.41): \$40.00  <u>X</u> Charge to Deposit Account No.: <u>09-0468</u>

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

Robert M. Trepp

June 29, 1998Name of Person Signing  
Reg. No. 25,933

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(AGENT FORM)  
(MORE THAN TWO)

(IBM Docket Y0998-245)  
Page 1 of 2

## Assignment

Inventor and City

Whereas, we

(1) Alfred Grill  
County of Westchester  
of White Plains  
and State of New York

and (2) Christopher V. Jahnes  
County of Rockland  
of Monsey  
and State of New York

and (3) Vishnubhai V. Patel  
County of Westchester  
of Yorktown Heights  
and State of New York

and (4)  
County of  
of  
and State of

and (5)  
County of  
of  
and State of

and (6)  
County of  
of  
and State of

have invented certain improvements in  
HYDROGENATED OXIDIZED SILICON CARBON MATERIAL

DATES THAT INVENTORS SIGNED THE DECLARATION

and executed, respectively, a United States patent application therefor on  
(1) June 29, 1998, and (2) June 29, 1998, and (3) June 29, 1998, and  
(4) June 19, 1998, and (5) June 19, 1998, and (6) June 19, 1998.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

CITY (1) at Yorktown Heights, New York, Signed and sealed  
DATE on June 29, 1998, (Alfred Grill) SIGNATURE INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and (2) at Yorktown Heights, New York, Signed and sealed  
DATE on June 29, 1998, (Christopher V. Jahnes) SIGNATURE INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and (3) at Yorktown Heights, New York, Signed and sealed  
DATE on June 29, 1998, (Vishnubhai V. Patel) SIGNATURE INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and (4) at \_\_\_\_\_, Signed and sealed  
DATE on \_\_\_\_\_, 19\_\_\_\_, (\_\_\_\_\_) SIGNATURE INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and (5) at \_\_\_\_\_, Signed and sealed  
DATE on \_\_\_\_\_, 19\_\_\_\_, (\_\_\_\_\_) SIGNATURE INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and (6) at \_\_\_\_\_, Signed and sealed  
DATE on \_\_\_\_\_, 19\_\_\_\_, (\_\_\_\_\_) SIGNATURE INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

DOCKET NO. YO998-245  
Page 2 of 2

State of New York ) SS.:  
County of Westchester )

INVENTOR (1) On this 29<sup>th</sup> day of June 1998, before me personally came Alfred Grill to me personally know, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Michelle Parra  
Notary  
MICHELLE PARRA  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999

State of New York ) SS.:  
County of Westchester )

INVENTOR (2) On this 29<sup>th</sup> day of June 1998, before me personally came Christopher V. Jahnes to me personally know, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Michelle Parra  
Notary  
MICHELLE PARRA  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999

State of New York ) SS.:  
County of Westchester )

INVENTOR (3) On this 29<sup>th</sup> day of June 1998, before me personally came Vishnubhai V. Patel to me personally know, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Michelle Parra  
Notary  
MICHELLE PARRA  
Notary Public, State of New York  
No. 01PA5089349  
Qualified in Dutchess County  
Commission Expires December 8, 1999

State of ) SS.:  
County of )

INVENTOR (4) On this \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, before me personally came \_\_\_\_\_ to me personally know, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

State of ) SS.:  
County of )

INVENTOR (5) On this \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, before me personally came \_\_\_\_\_ to me personally know, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary

State of ) SS.:  
County of )

INVENTOR (6) On this \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, before me personally came \_\_\_\_\_ to me personally know, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Notary